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PATENT

Attorney Docket No.: 16869G-084800US

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Daniel Miranda

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Martin Aureliano Hassner et al.

Application No.: Unassigned

Filed: Herewith

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Examiner:

Art Unit:

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98

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Sir:

The references cited on attached form PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

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Respectfully submitted,



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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number

Filing Date

First Named Inventor

Hassner, Martin Aureliano

Art Unit

Examiner Name

Attorney Docket Number

16869G-084800US

U.S. PATENT DOCUMENTS+

| Examiner Initials* | Cite No. ¹ | Document Number Number Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|-----------------------|--------------------------|---|--------------------------------|--|---|
| | AA | US-5,864,440 | 01-26-1999 | Hashimoto et al. | |
| | AB | US-5,946,328 | 08-31-1999 | Cox et al. | |
| | AC | US-6,079,044 | 06-20-2000 | Cunningham et al. | |
| | AD | US-2003/0147167 | 08-07-2003 | Asano et al. | |

NON PATENT LITERATURE DOCUMENTS

| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
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| | AE | IBM Almaden Research Center, "Signal Processing / Integrated Sector Format-Error-Correction Code", http://www.almaden.ibm.com/ssd/storage/sp/ecc.shtml , printed June 23, 2003 | |
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